

CLAIMS

1. A miniature flashlight comprising a case, a light emitting diode mounted in the case, an electrical power source also mounted in the case, and a manually operable switching device for controlling delivery of electrical power from the source to the light emitting diode, and a mounting clip for attachment of the flashlight to a separate article, one of said case and said mounting clip having a recess, and the other of said case and said mounting clip having a projection fitting said recess with a snap fit, whereby the case can be rapidly removed from the mounting clip by manipulation for separation of the case from the mounting clip without disengagement of the mounting clip from said separate article.

2. A miniature flashlight according to claim 1, in which said mounting clip comprises a molded element having a resilient gate, said gate and a part of said element forming a loop openable to receive a key ring, and closable to maintain engagement of the loop with the key ring.

3. A miniature flashlight according to claim 1, in which said mounting clip is a unitary, molded, element having a loop openable to receive a key ring, and closable to maintain engagement of the loop with the key ring.

4. A miniature flashlight according to claim 1, in which said mounting clip has a base, and a loop a part of which is constituted by said base, in which said recess is formed in said base, and in which said projection is a part of said case.

5. A miniature flashlight according to claim 1 in which said projection has a main body and a pair of flanges, said flanges being disposed on opposite sides of the main body, and in which said recess has opposed interior side walls and retaining tabs formed on said side walls and engageable respectively with said flanges whereby projection fits the recess with a snap fit.

6. A miniature flashlight according to claim 5, in which said side walls of the recess are sufficiently resilient to allow the flanges of the projection to move past the retaining tabs when the case is removed from, and connected to, the mounting clip.

7. A miniature flashlight according to claim 1 in which said projection has an elongated main body and a pair of flanges, said flanges disposed on opposite sides of the main body, in which said recess has opposed interior side walls and retaining tabs formed on said side walls and engageable respectively with said flanges whereby projection fits the recess with a snap fit, and in which said flanges have rounded edges extending in the direction of elongation of said main body of the projection, whereby the projection can be disengaged from the recess by a bending force exerted on the case and said mounting clip about a bend axis extending in the direction of elongation of said projection, said bending force being substantially less than the force required to remove the projection from the recess along the direction in which said projection extends from said case.